Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091615\
Data File : BF081659.D
Acq On : 16 Sep 2015 21:04
Operator : UM/IZ
Sample : G3654-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP203(27-29)

Quant Time: Sep 17 03:52:49 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 15 14:03:59 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	50848	20.00	ng		-0.03
21) Naphthalene-d8	11.09	136	201116	20.00	ng		-0.03
38) Acenaphthene-d10	15.21	164	97401	20.00	ng		-0.05
63) Phenanthrene-d10	18.72	188	194206	20.00	ng		-0.03
75) Chrysene-d12	23.35	240	156416	20.00	ng		-0.03
86) Perylene-d12	24.79	264	117208	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	434500	132.58	ng		0.00
7) Phenol-d6	7.61	99	601754	138.71	ng		-0.03
23) Nitrobenzene-d5	9.49	82	386779	92.79	ng		-0.05
41) 2,4,6-Tribromophenol	17.12	330	129507	149.33	ng		-0.05
44) 2-Fluorobiphenyl	13.73	172	643770	84.70	ng		-0.05
78) Terphenyl-d14	22.08	244	607993	90.48	ng		-0.03
Target Compounds							Qvalue
31) Naphthalene	11.13	128	259137	24.16	ng		98
37) 2-Methylnaphthalene	12.78	142	39447	5.65	ng	#	87
49) Dimethylphthalate	14.78	163	125247	16.55	ng	#	97
70) Phenanthrene	18.77	178	67173	6.22	ng		97
77) Pyrene	21.74	202	36581	3.16	ng		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091615\
Data File : BF081659.D
Acq On : 16 Sep 2015 21:04
Operator : UM/IZ
Sample : G3654-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MGP203(27-29)

Quant Time: Sep 17 03:52:49 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 15 14:03:59 2015
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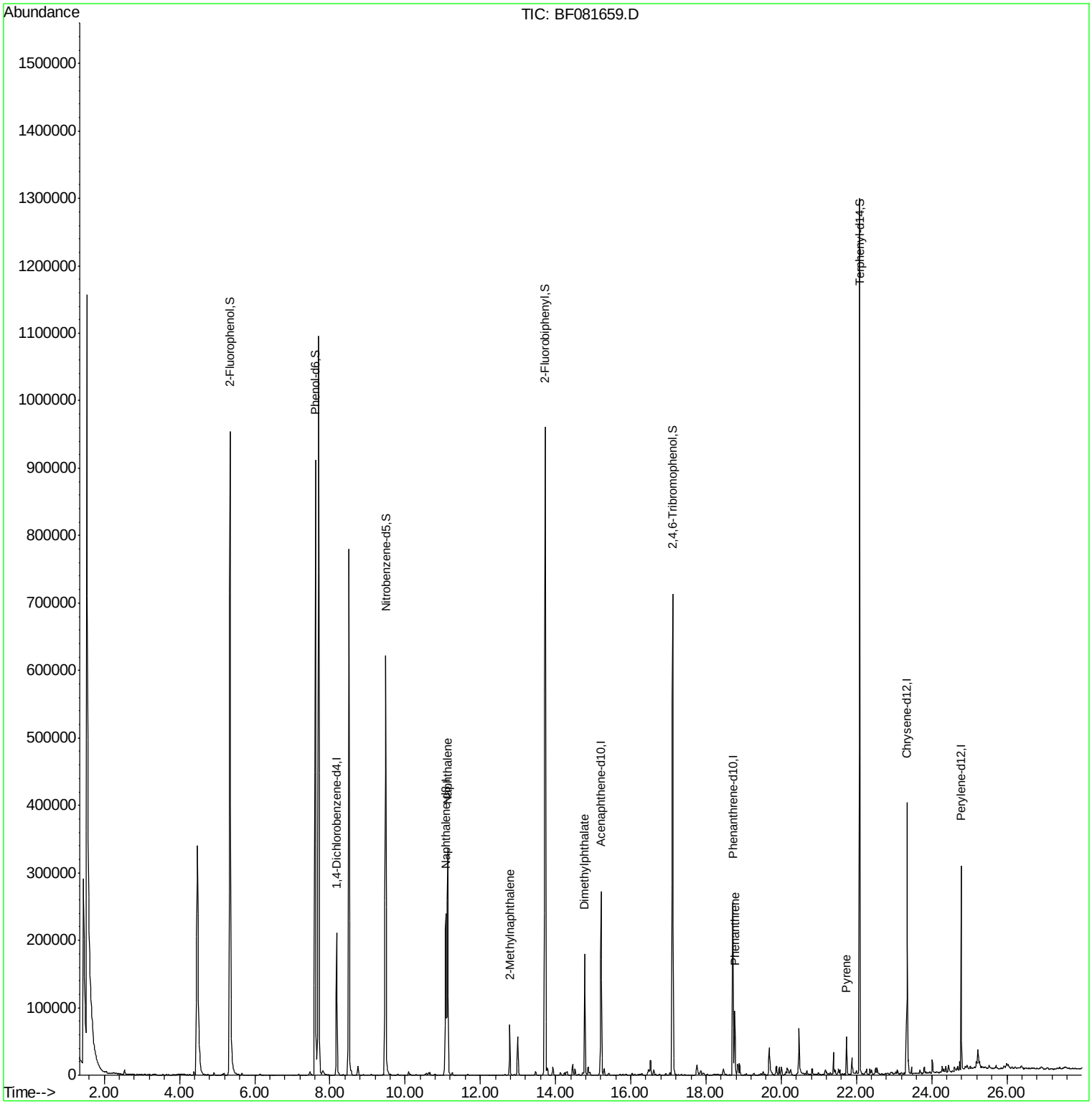
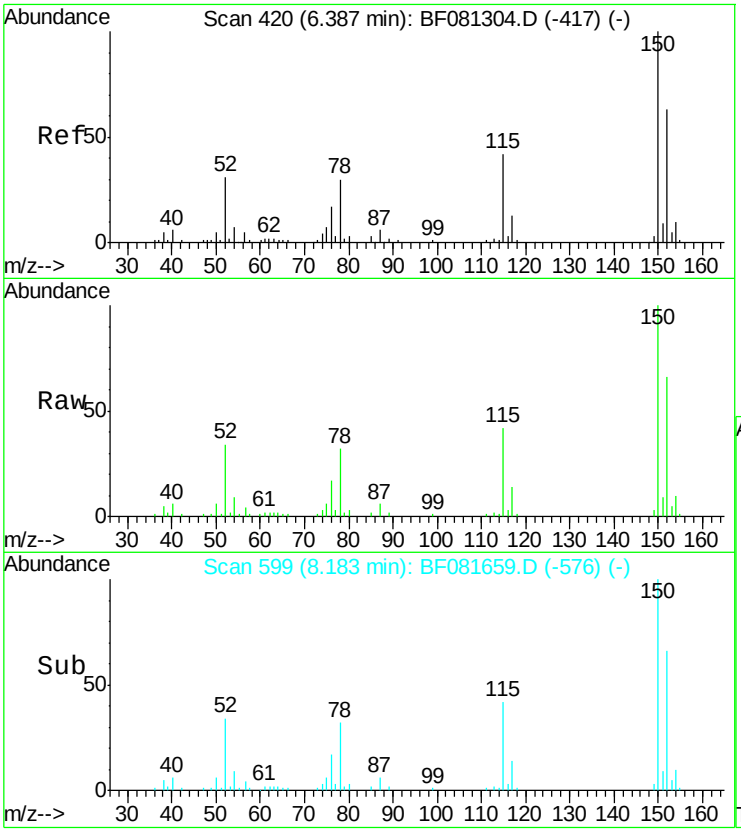


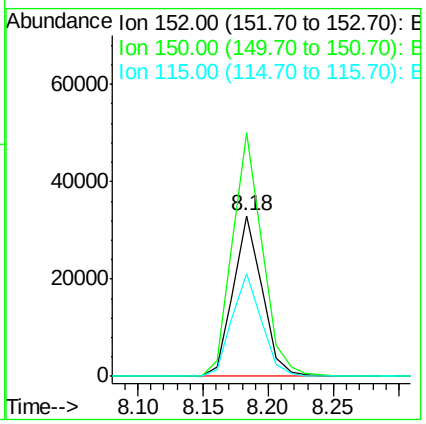


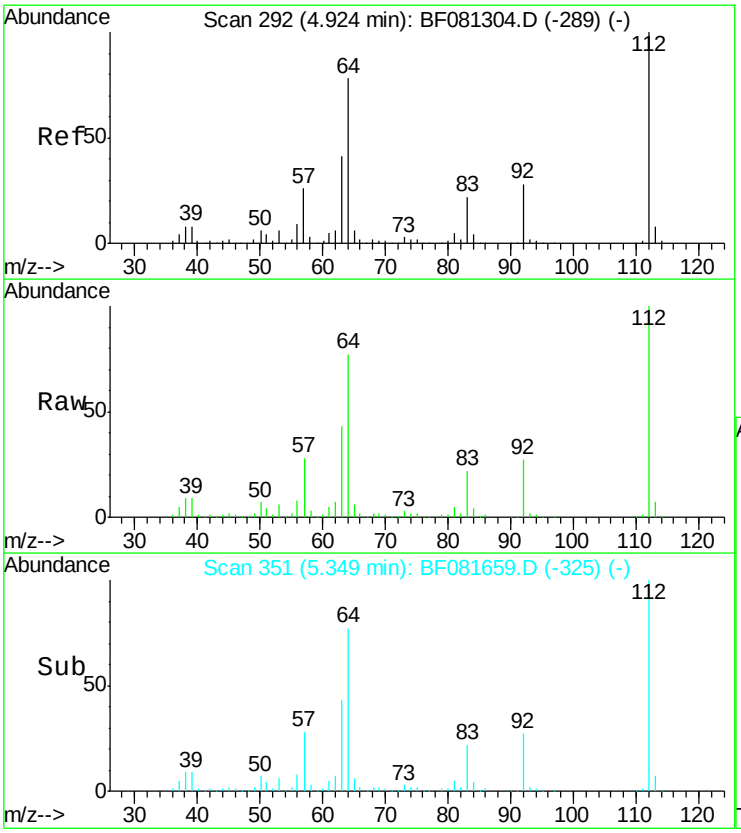
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.18 min Scan# 599
Delta R.T. -0.03 min
Lab File: BF081659.D
Acq: 16 Sep 2015 21:04

Instrument :
BNA_F
ClientSampleId :
MGP203(27-29)

Tgt Ion:152 Resp: 50848

Ion	Ratio	Lower	Upper
152	100		
150	151.4	124.7	187.1
115	64.0	39.0	58.4#

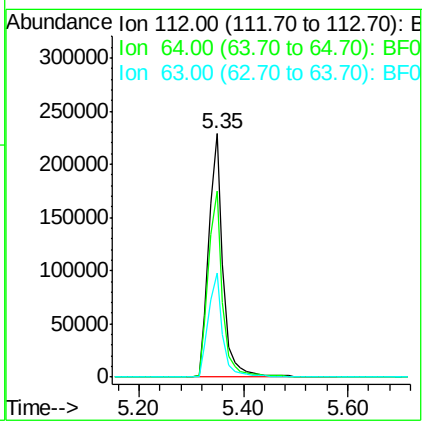


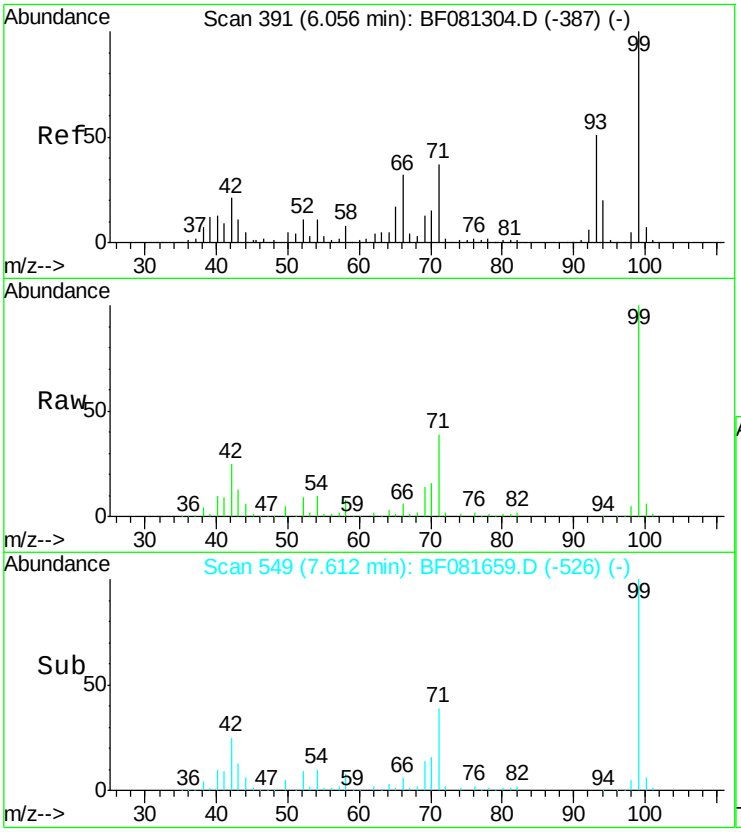


#5
2-Fluorophenol
Concen: 132.58 ng
RT: 5.35 min Scan# 351
Delta R.T. -0.00 min
Lab File: BF081659.D
Acq: 16 Sep 2015 21:04

Tgt Ion:112 Resp: 434500

Ion	Ratio	Lower	Upper
112	100		
64	76.5	39.7	59.5#
63	42.5	17.4	26.0#



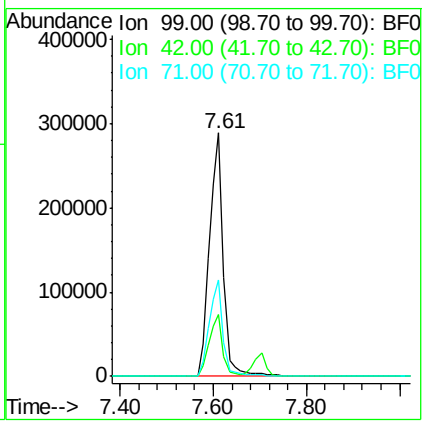


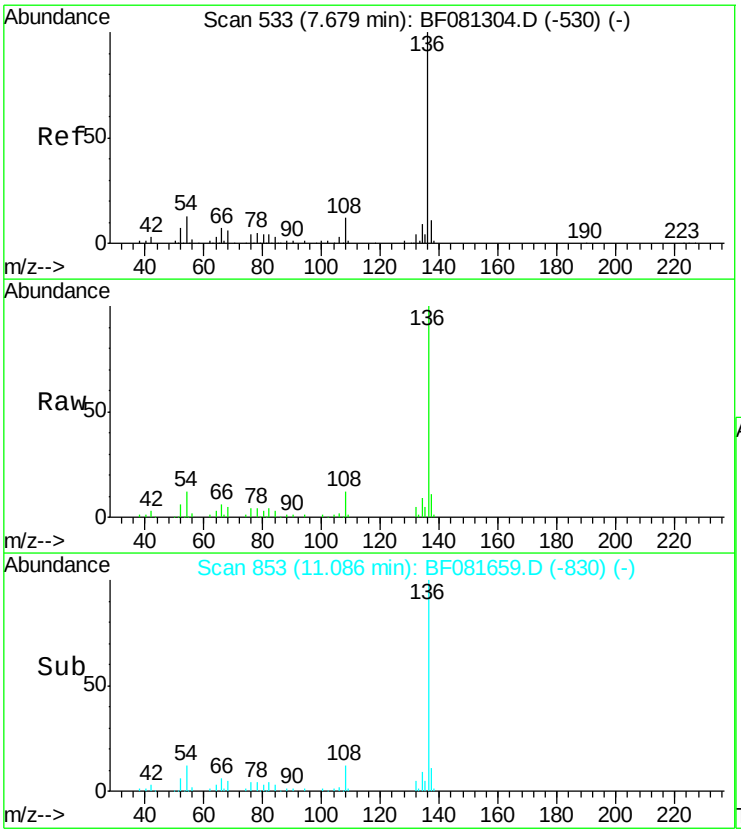
#7
Phenol-d6
Concen: 138.71 ng
RT: 7.61 min Scan# 549
Delta R.T. -0.03 min
Lab File: BF081659.D
Acq: 16 Sep 2015 21:04

Instrument :
BNA_F
ClientSampleId :
MGP203(27-29)

Tgt Ion: 99 Resp: 601754

Ion	Ratio	Lower	Upper
99	100		
42	25.2	13.7	20.5#
71	39.5	14.2	21.2#

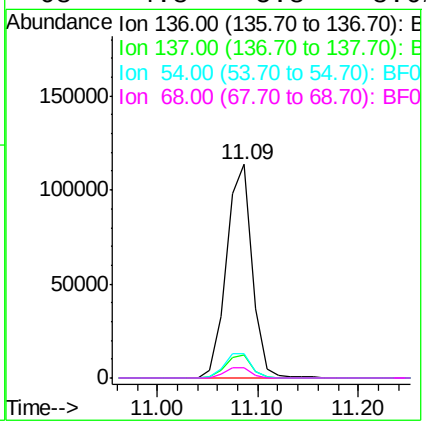


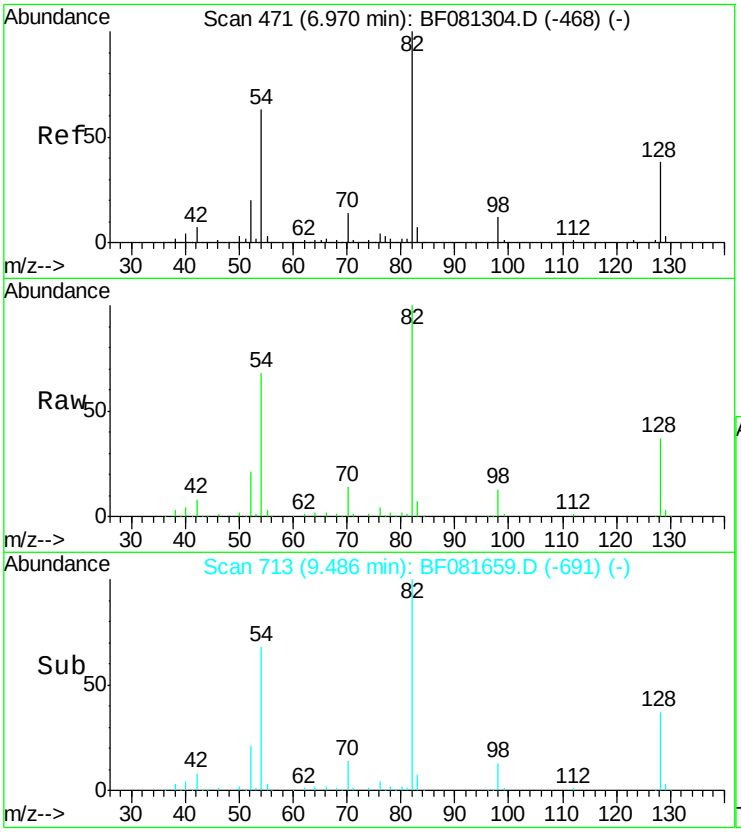


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.09 min Scan# 853
Delta R.T. -0.03 min
Lab File: BF081659.D
Acq: 16 Sep 2015 21:04

Tgt Ion:136 Resp: 201116

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.0	13.6
54	11.5	8.2	12.2
68	4.8	5.8	8.6#



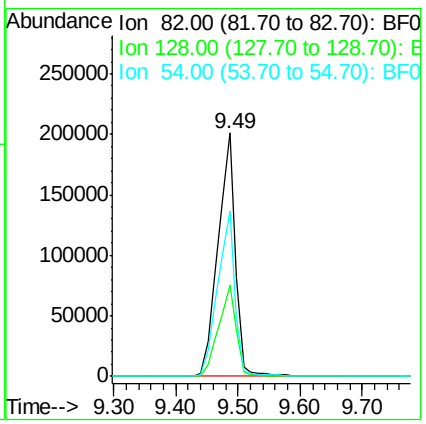


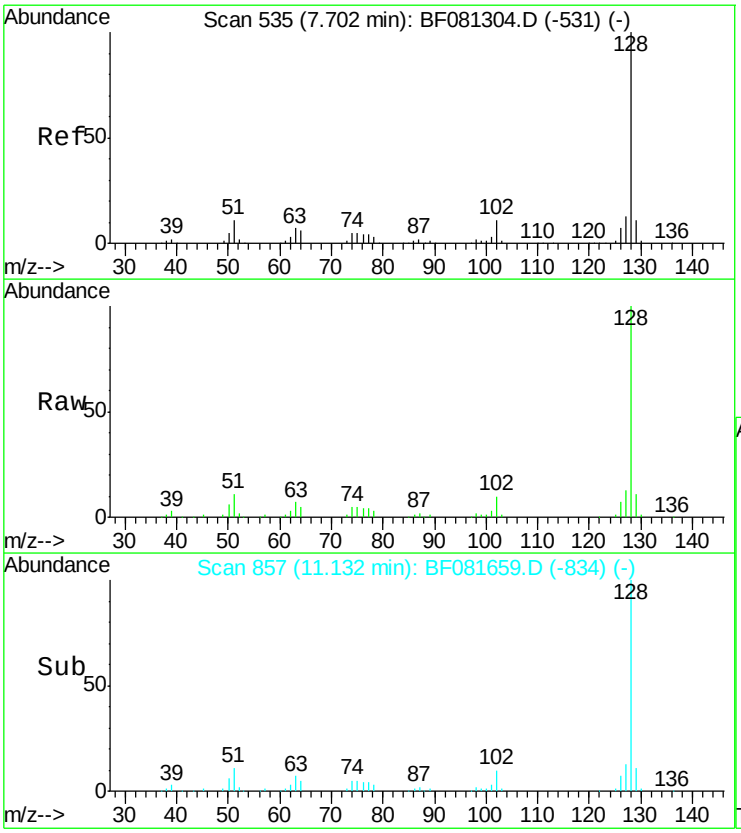
#23
Nitrobenzene-d5
Concen: 92.79 ng
RT: 9.49 min Scan# 713
Delta R.T. -0.05 min
Lab File: BF081659.D
Acq: 16 Sep 2015 21:04

Instrument :
BNA_F
ClientSampleId :
MGP203(27-29)

Tgt Ion: 82 Resp: 386779

Ion	Ratio	Lower	Upper
82	100		
128	37.4	51.0	76.6#
54	68.0	47.5	71.3

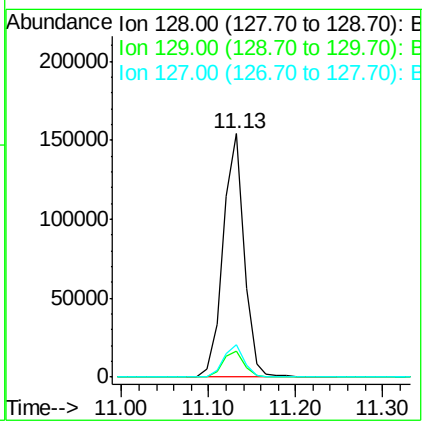


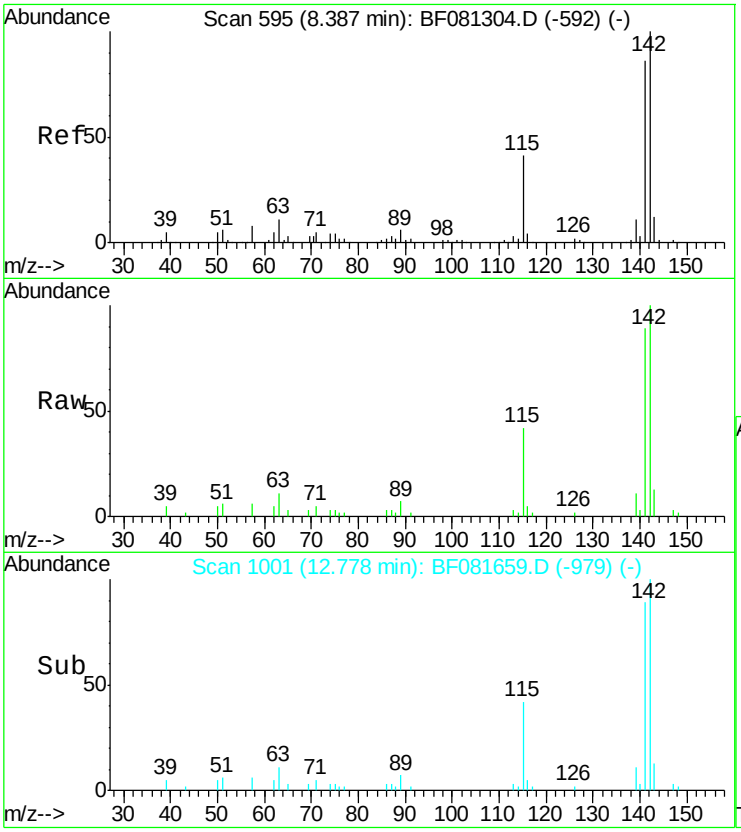


#31
Naphthalene
Concen: 24.16 ng
RT: 11.13 min Scan# 857
Delta R.T. -0.03 min
Lab File: BF081659.D
Acq: 16 Sep 2015 21:04

Tgt Ion:128 Resp: 259137

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.4	12.6
127	13.3	9.9	14.9



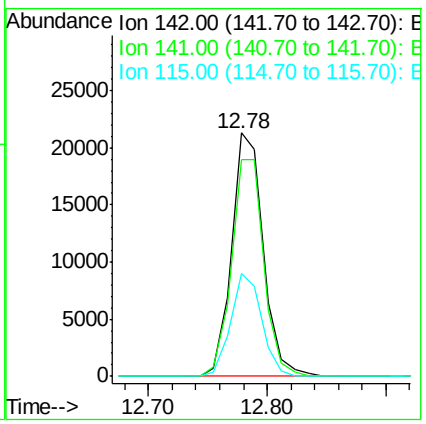


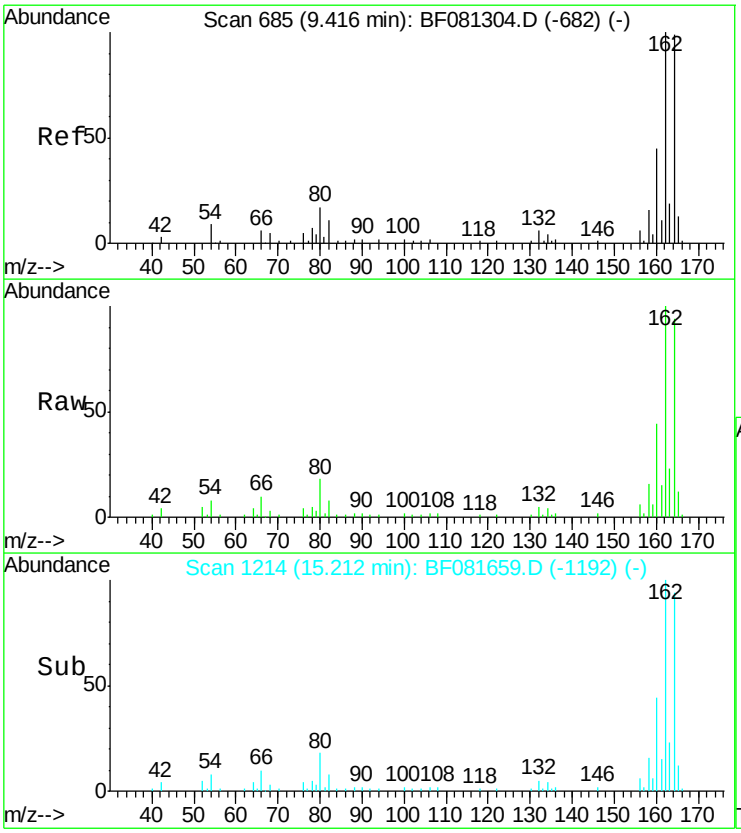
#37
2-Methylnaphthalene
Concen: 5.65 ng
RT: 12.78 min Scan# 1001
Delta R.T. -0.05 min
Lab File: BF081659.D
Acq: 16 Sep 2015 21:04

Instrument :
BNA_F
ClientSampleId :
MGP203(27-29)

Tgt Ion:142 Resp: 39447

Ion	Ratio	Lower	Upper
142	100		
141	89.1	67.5	101.3
115	42.2	18.2	27.2#

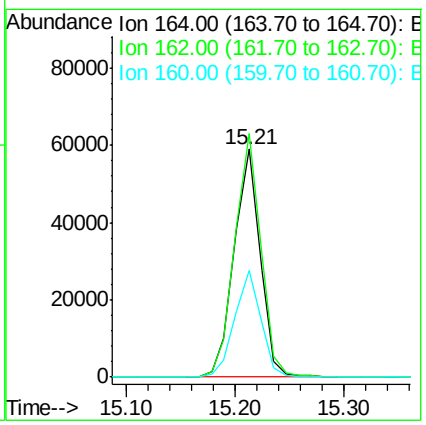


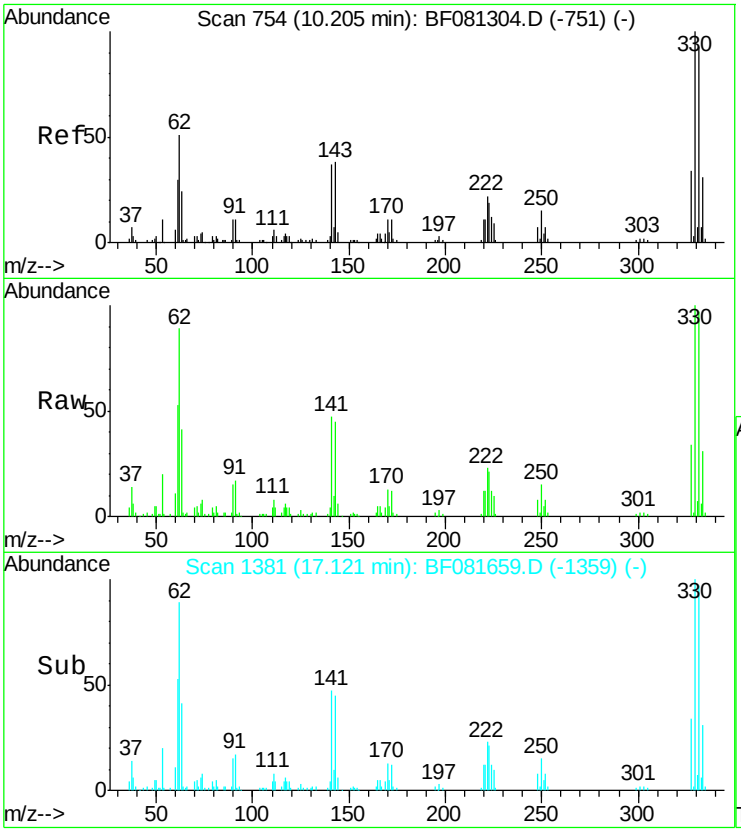


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.21 min Scan# 1214
Delta R.T. -0.05 min
Lab File: BF081659.D
Acq: 16 Sep 2015 21:04

Tgt Ion:164 Resp: 97401

Ion	Ratio	Lower	Upper
164	100		
162	106.7	75.2	112.8
160	46.9	31.5	47.3



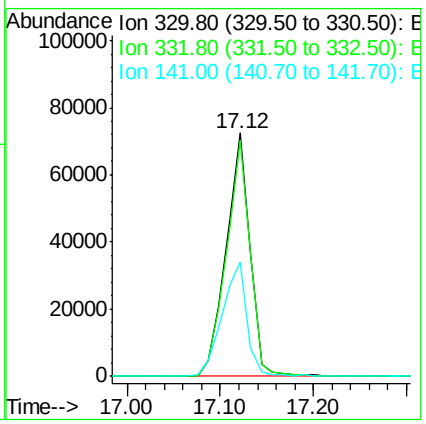


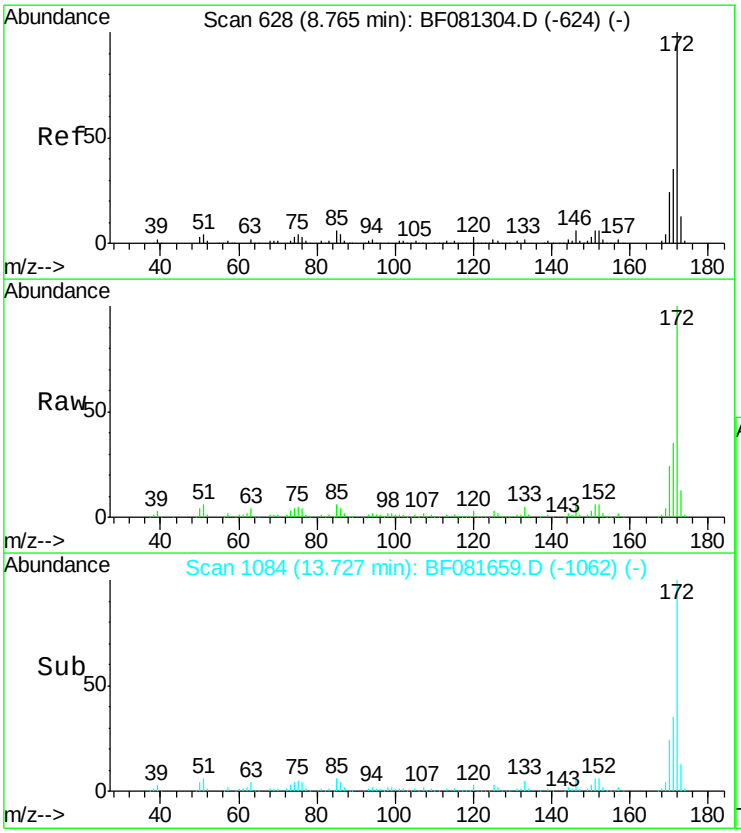
#41
2,4,6-Tribromophenol
Concen: 149.33 ng
RT: 17.12 min Scan# 1381
Delta R.T. -0.05 min
Lab File: BF081659.D
Acq: 16 Sep 2015 21:04

Instrument :
BNA_F
ClientSampleId :
MGP203(27-29)

Tgt Ion:330 Resp: 129507

Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.6	114.8
141	48.6	29.7	44.5#

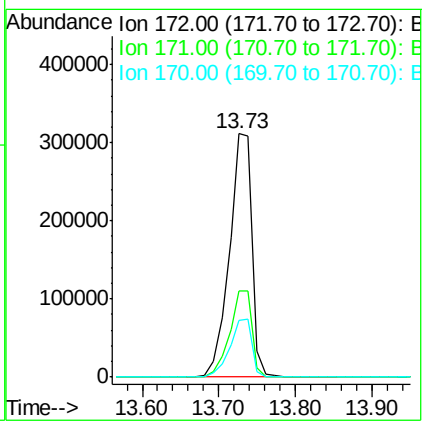


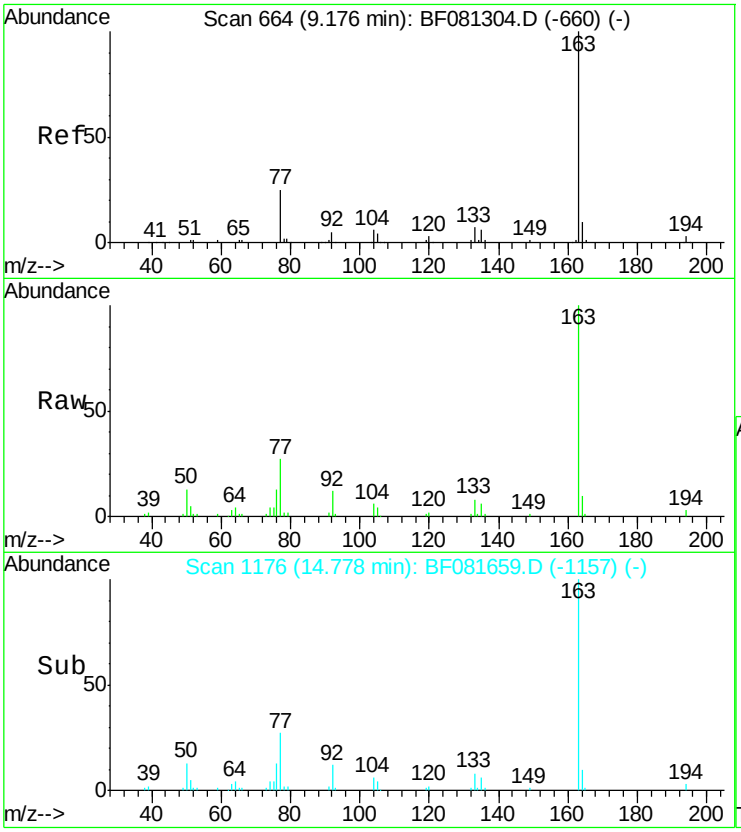


#44
2-Fluorobiphenyl
Concen: 84.70 ng
RT: 13.73 min Scan# 1084
Delta R.T. -0.05 min
Lab File: BF081659.D
Acq: 16 Sep 2015 21:04

Tgt Ion:172 Resp: 643770

Ion	Ratio	Lower	Upper
172	100		
171	35.4	26.1	39.1
170	23.5	17.4	26.2



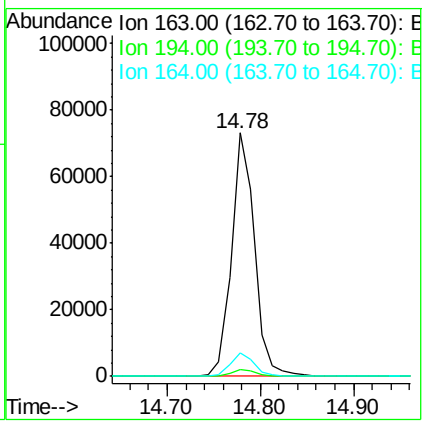


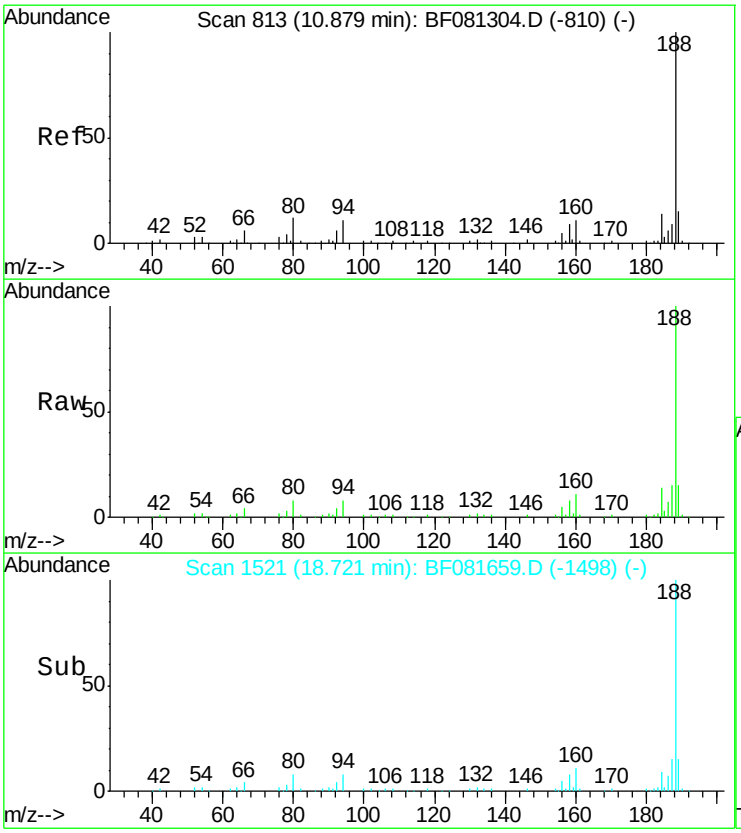
#49
Dimethylphthalate
Concen: 16.55 ng
RT: 14.78 min Scan# 1176
Delta R.T. -0.08 min
Lab File: BF081659.D
Acq: 16 Sep 2015 21:04

Instrument :
BNA_F
ClientSampleId :
MGP203(27-29)

Tgt Ion:163 Resp: 125247

Ion	Ratio	Lower	Upper
163	100		
194	3.0	4.4	6.6#
164	9.9	8.3	12.5

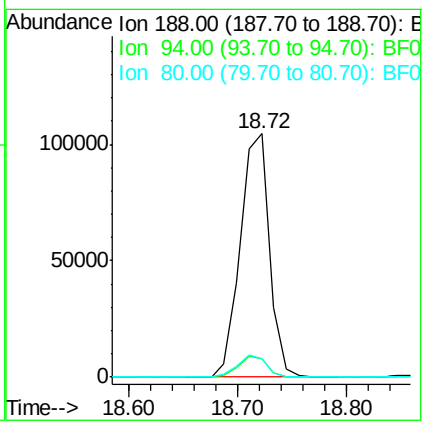


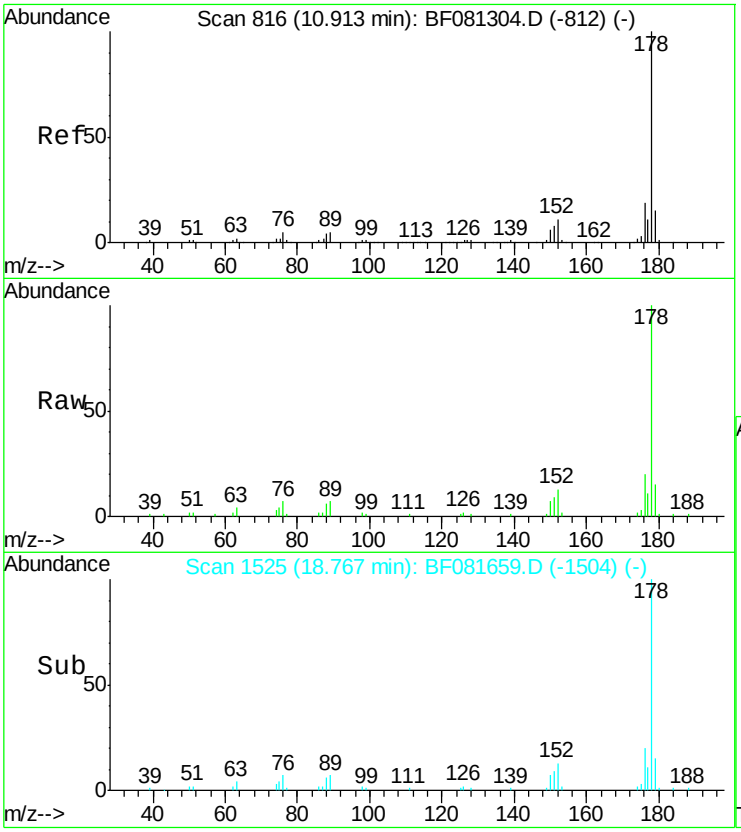


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.72 min Scan# 1521
Delta R.T. -0.03 min
Lab File: BF081659.D
Acq: 16 Sep 2015 21:04

Tgt Ion:188 Resp: 194206

Ion	Ratio	Lower	Upper
188	100		
94	7.5	11.1	16.7#
80	7.8	11.0	16.4#



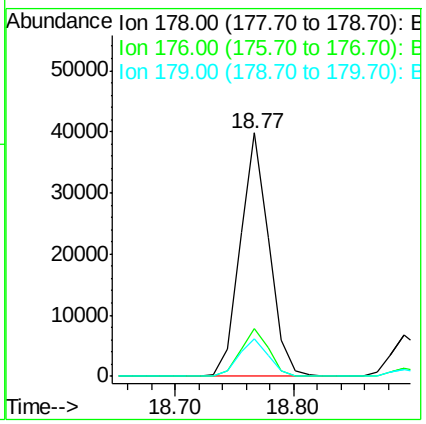


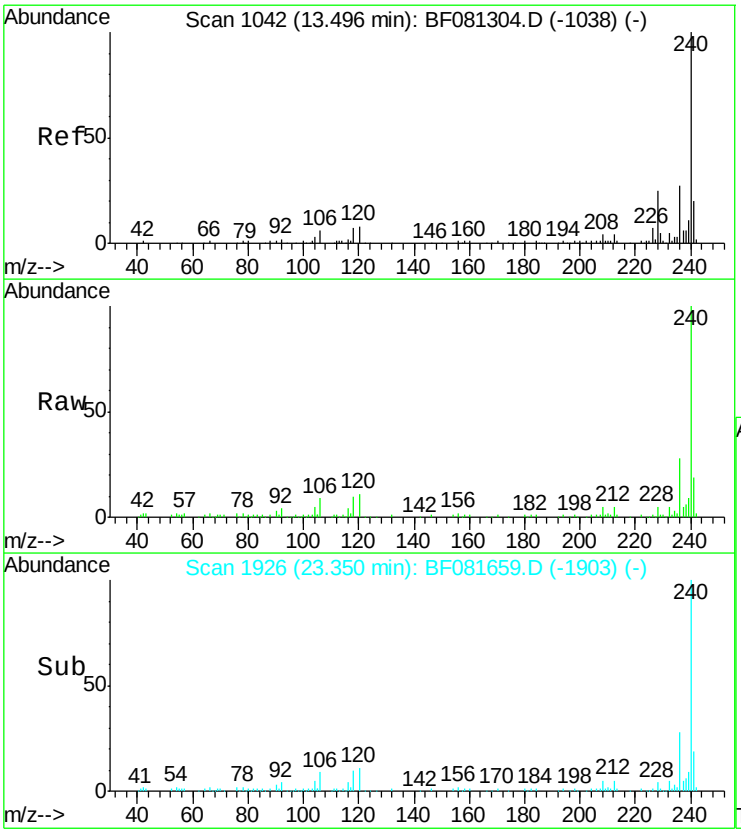
#70
Phenanthrene
Concen: 6.22 ng
RT: 18.77 min Scan# 1525
Delta R.T. -0.06 min
Lab File: BF081659.D
Acq: 16 Sep 2015 21:04

Instrument :
BNA_F
ClientSampleId :
MGP203(27-29)

Tgt Ion:178 Resp: 67173

Ion	Ratio	Lower	Upper
178	100		
176	19.7	13.8	20.8
179	15.3	12.2	18.2

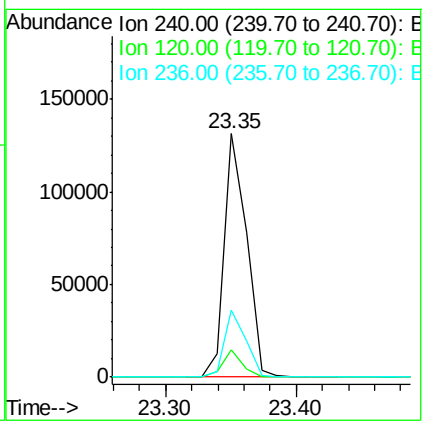


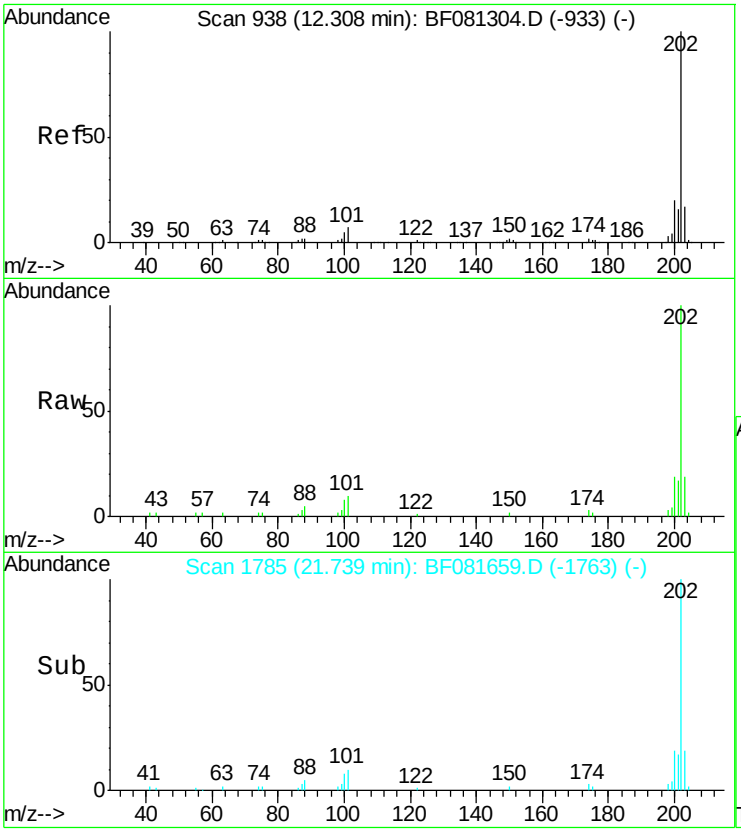


#75
Chrysene-d12
Concen: 20.00 ng
RT: 23.35 min Scan# 1926
Delta R.T. -0.03 min
Lab File: BF081659.D
Acq: 16 Sep 2015 21:04

Tgt Ion:240 Resp: 156416

Ion	Ratio	Lower	Upper
240	100		
120	11.2	16.2	24.2#
236	27.5	18.4	27.6



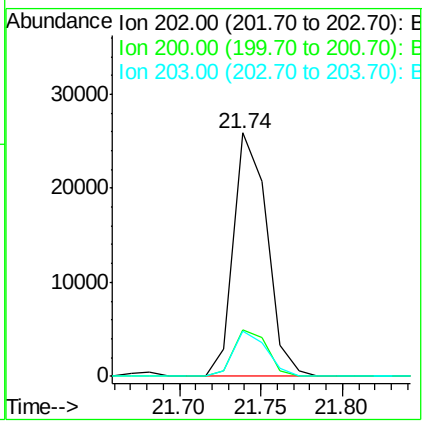


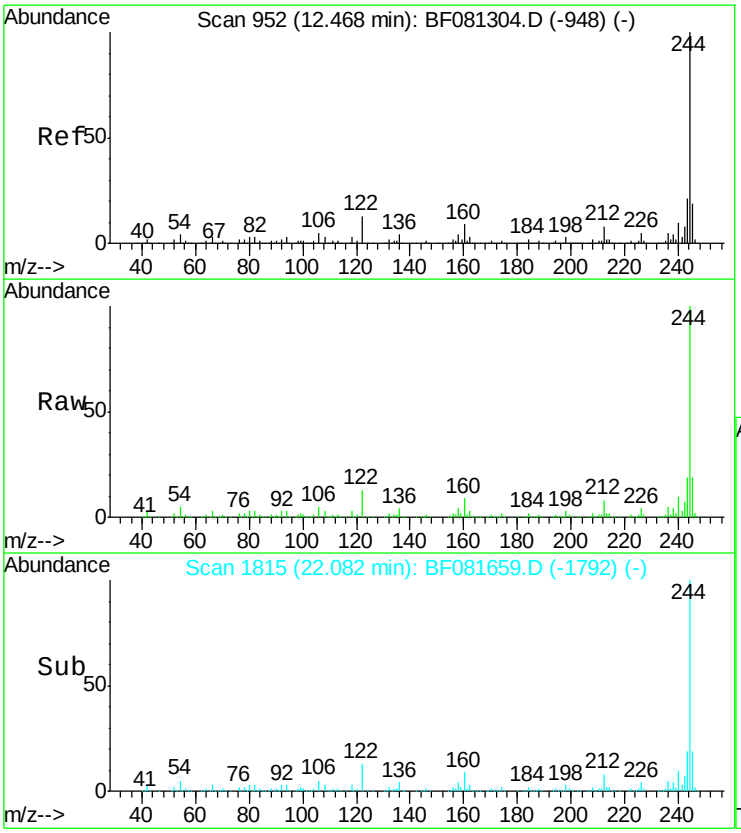
#77
Pyrene
Concen: 3.16 ng
RT: 21.74 min Scan# 1785
Delta R.T. -0.05 min
Lab File: BF081659.D
Acq: 16 Sep 2015 21:04

Instrument :
BNA_F
ClientSampleId :
MGP203(27-29)

Tgt Ion:202 Resp: 36581

Ion	Ratio	Lower	Upper
202	100		
200	19.1	15.0	22.4
203	18.8	14.1	21.1

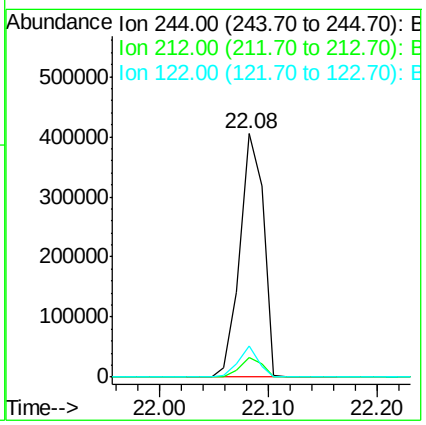


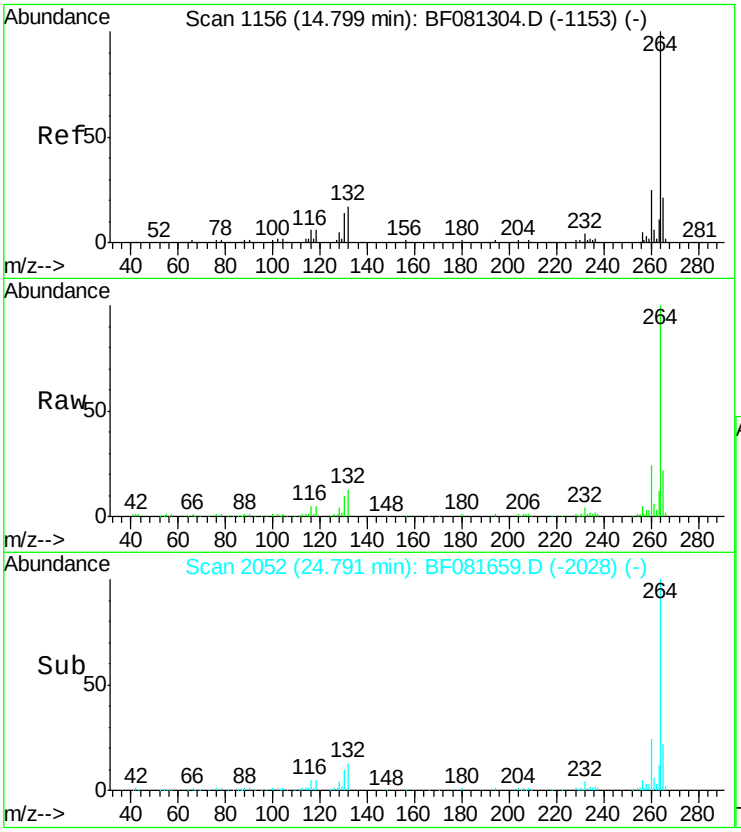


#78
Terphenyl-d14
Concen: 90.48 ng
RT: 22.08 min Scan# 1815
Delta R.T. -0.03 min
Lab File: BF081659.D
Acq: 16 Sep 2015 21:04

Tgt Ion:244 Resp: 607993

Ion	Ratio	Lower	Upper
244	100		
212	8.2	4.3	6.5#
122	12.8	17.4	26.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 24.79 min Scan# 2052
Delta R.T. -0.02 min
Lab File: BF081659.D
Acq: 16 Sep 2015 21:04

Instrument :
BNA_F
ClientSampleId :
MGP203(27-29)

Tgt Ion:264 Resp: 117208

Ion	Ratio	Lower	Upper
264	100		
260	23.7	16.7	25.1
265	22.2	17.2	25.8